GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2050
ANSWERED ON:14.03.2007
POWER GENERATION FROM ATOMIC ENERGY
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Will the Minister of ATOMIC ENERGY be pleased to state:

:

(a) the details of the atomic energy sources for power generation during the last three years ;

(b) the details of Central/State /Private Sector participation in power generation from atomic energy sources; and

(c) the scheme of the Government for augmentation of power generation capacity from atomic energy sources ?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) Current nuclear power capacity in the country is uranium based. While two reactors TAPS 1&2 (320 MWe) use imported light enriched uranium, the remaining fourteen reactors (3580 MWe) use indigenous natural uranium.

(b) The nuclear power generation in the country is in the Central Sector. State/ private sector participation has been indirect, as support/ manufacturing of equipment/ execution of EPC packages etc. to the Central Government companies engaged in nuclear power generation.

(c) The current installed capacity of 3900 MWe will reach 7280 MWe progressively by March 2011 by completion of projects under construction.The XI Plan proposals envisage start of work on 5600 MWe capacity based on indigenous design.The current initiatives for international co-operation in nuclear energy are aimed at accessing the international market for technologies and fuel, for setting up additionalities to the domestic programme to enable larger capacity addition to meet the electricity demand in the near term.